



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David KIPPIE et al.  
Serial No.: 09/901,498  
Filed : July 9, 2001  
Title : THERMAL EXTENDERS FOR WELL FLUID APPLICATIONS

Art Unit : 1712  
Examiner : Philip TUCKER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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PATENT TRADEMARK OFFICE  
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TC 1700

**REPLY UNDER 37 CFR § 1.116**

In response to the final Office Action dated July 24, 2003, please amend the present application as follows and consider the included remarks.